

Volume in drive D:\ is 010725.1457
Directory of D:\

..
<DIR>
<DIR>
001subst.txt 687 KB 7/20/01

1 file(s)
Total filesize 687 KB
2 folder(s)
0 kilobytes free

SUBSTITUTE SEQUENCE LISTING

<110> Zyskind, Judith
 Ohlsen, Kari L.
 Trawick, John
 Forsyth, R. Allyn
 Froelich, Jamie M.
 Carr, Grant J.
 Yamamoto, Robert T.
 Xu, H. Howard

<120> GENES IDENTIFIED AS REQUIRED FOR PROLIFERATION IN
ESCHERICHIA COLI

<130> ELITRA.001A

<160> 485

<170> FastSEQ for Windows Version 3.0

<210> 1
<211> 159
<212> DNA
<213> E. Coli

<400> 1

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atcaccagca gatgaaataa cgataaccag aacaacgcct tatagcggtt agtttgcgag 120  
aaaacgtcta tattgtacct ttttgtttaa ccattqqqq 159
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<210> 2
<211> 696
<212> DNA
<213> E. Coli

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<220>
<221> misc_feature
<222> (1)...(696)
<223> n = A.T.G or G
```

-400- 3

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gtcacctact	caaacgtgga	accgagcgat	ttcgttcaga	cottctcacy	ccgtaatggt	180
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cgtctttccg	agcgtaaaga	gacactgggt	gatgtacgc	accgcattct	gacagtgcgg	300
attgcgcagg	atcaggtggg	gatgtattac	cagcagccag	ggcaacaact	ggcaacctgg	360
attgttcctc	cgggacaata	cttcatgt	ggcgacaacc	gcgacaacag	cgcggacagc	420
cgttactggg	gcttgtgcc	ngaagcgaat	ctggcggcgc	nggcaacggc	tatctggatg	480
aacttcgata	accaagaagg	cgaatggccg	aatggctgc	cctaantcgc	attggcgnnt	540
ccnttaatan	ccacttcctt	cncttgccc	ccttatggca	acacttaatt	tatnttaaan	600
taatcncccc	tggctnacaa	atccccgcct	tttntaaaaa	attccccna	anttaagggt	660
ggccctccaaqt	tgcccqnncc	aaacactttq	qncccc			696

<210> 3
<211> 681
<212> DNA
<213> E. Coli

<220>